Declaration of Performance

No. 202009-1087

Grace 4 Column 660mm

Unique product code:	CI-G4C-660
Type, batch or serial number:	CI-G4C-660
Intended use of the construction product:	In heating systems in buildings
Manufacturer:	Castrads Ltd 1 Kenwood Road North Reddish SK5 6PH, Manchester, United Kingdom
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA
Test report number:	101885/2

Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure [kPa]	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1.69 x maximum operating pressure [kPa] Maximum operating pressure: 1000 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\varphi = Km \bullet \Delta T^n$. See appendix for factor Km and exponent n	
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact:	Class 0	

Signed for and on behalf of the manufacturer by:
Nicholas Baylis
CEO
Stockport, England
31st October 2026



Castrads®

Appendix to DOP No. 202009-1087: Dimensions and thermal outputs

Panel dimensions: 650mm high when floor standing, 175mm deep for all numbers of sections. See table for length.

SKU	Num of sec.	Length, mm	Output (Watts, DT50)	Output (Watts, DT30)	Factor, Km	Exponent, n
CI-G4C-660-03	3	212	256	135	1.894	1.2541
CI-G4C-660-04	4	272	341	180	2.526	1.2541
CI-G4C-660-05	5	333	427	225	3.157	1.2541
CI-G4C-660-06	6	393	512	270	3.788	1.2541
CI-G4C-660-07	7	454	597	315	4.420	1.2541
CI-G4C-660-08	8	514	682	360	5.051	1.2541
CI-G4C-660-09	9	575	768	405	5.683	1.2541
CI-G4C-660-10	10	635	853	450	6.314	1.2541
CI-G4C-660-11	11	696	938	494	6.945	1.2541
CI-G4C-660-12	12	756	1024	539	7.577	1.2541
CI-G4C-660-13	13	817	1109	584	8.208	1.2541
CI-G4C-660-14	14	877	1194	629	8.839	1.2541
CI-G4C-660-15	15	938	1280	674	9.471	1.2541
CI-G4C-660-16	16	998	1365	719	10.102	1.2541
CI-G4C-660-17	17	1059	1450	764	10.734	1.2541
CI-G4C-660-18	18	1119	1535	809	11.365	1.2541
CI-G4C-660-19	19	1180	1621	854	11.996	1.2541
CI-G4C-660-20	20	1240	1706	899	12.628	1.2541
CI-G4C-660-21	21	1301	1791	944	13.259	1.2541
CI-G4C-660-22	22	1361	1877	989	13.891	1.2541
CI-G4C-660-23	23	1422	1962	1034	14.522	1.2541
CI-G4C-660-24	24	1482	2047	1079	15.153	1.2541
CI-G4C-660-25	25	1543	2133	1124	15.785	1.2541
CI-G4C-660-26	26	1603	2218	1169	16.416	1.2541
CI-G4C-660-27	27	1664	2303	1214	17.048	1.2541
CI-G4C-660-28	28	1724	2389	1259	17.679	1.2541
CI-G4C-660-29	29	1785	2474	1304	18.310	1.2541
CI-G4C-660-30	30	1845	2559	1349	18.942	1.2541
CI-G4C-660-31	31	1906	2644	1394	19.573	1.2541
CI-G4C-660-32	32	1966	2730	1438	20.204	1.2541
CI-G4C-660-33	33	2027	2815	1483	20.836	1.2541
CI-G4C-660-34	34	2087	2900	1528	21.467	1.2541
CI-G4C-660-35	35	2148	2986	1573	22.099	1.2541
CI-G4C-660-36	36	2208	3071	1618	22.730	1.2541
CI-G4C-660-37	37	2269	3156	1663	23.361	1.2541
CI-G4C-660-38	38	2329	3242	1708	23.993	1.2541
CI-G4C-660-39	39	2390	3327	1753	24.624	1.2541
CI-G4C-660-40	40	2450	3412	1798	25.256	1.2541